

LIST OF PUBLICATIONS

A. International Journals

- [1] T. Kumari, K. K. Suman, **R. K. Gangwar** and R. K. Chaudhary, "Metamaterial Absorber-Integrated CP MIMO DRA for EMI Reduction and High Isolation," in **IEEE Letters on Electromagnetic Compatibility Practice and Applications**, doi: 10.1109/LEMCPA.2025.3569448.
- [2] Kapil Gangwar, Manish Kumar Rauniyar, S P Gangwar and **Ravi Kumar Gangwar**, "Compact Planar Antenna for Wireless Biotelemetry in Implantable Neurostimulation devices", **Microwave and Optical Technology Letters**, 2025.
- [3] Debashis Das, Rajib Jana, **Ravi Kumar Gangwar**, Sachin Maithani, "Back-to-back DRA using Single/Double Layered Substrates for Bidirectional Radiation with a Choice of Versatile Polarizations", **IETE Journal of Research**, 2025.
- [4] Debashis Das, Rajib Jana, **Ravi Kumar Gangwar**, Sachin Maithani, Multifunction dielectric resonator antenna featuring omnidirectional switchable patterns, **AEU - International Journal of Electronics and Communications**, 2025, 155750, ISSN 1434-8411, <https://doi.org/10.1016/j.aeue.2025.155750>.
- [5] A. K. Pandey, **R. K. Gangwar** and R. K. Chaudhary, "A Compact Frog-Shaped Self-Diplexed MIMO Antenna with SD-HMSIW Technique for WLAN Applications," in **IEEE Transactions on Antennas and Propagation**, February 2025.
- [6] Gouri Shankar Sharma, Anshul Gupta, **Ravi Kumar Gangwar**, and Amit Kumar Pandey, "Multi-Port MIMO Antenna System with Diverse Radiation Pattern for Sub-6 GHz Wireless Communications," **International Journal of Communication Systems**, 20 January 2025. (Accepted)
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- [12] Aks Raj, Varun Chaudhary, **Ravi Kumar Gangwar**, and R. K. Chaudhary, "Experimental and Analytical Analysis of Conformal and Polarization Insensitive Electromagnetic Absorber," **AEU - International Journal of Electronics and Communications**, 179 (2024) 155340, May 2024.
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